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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/653,787	09/03/2003	James Clough	200308676-1	6929

22879 7590 07/23/2007
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EXAMINER

HUSSAIN, TAUQIR

ART UNIT	PAPER NUMBER
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2152

MAIL DATE	DELIVERY MODE
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07/23/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/653,787

Applicant(s)

CLOUGH ET AL.

Examiner

Tauqir Hussain

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-34 are pending in this application.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-5, 7-11, 13-16, 18-21, 23-26, 28-31, 33 and 34, are rejected under 35 U.S.C. 102(e) as being anticipated by Cherry et al. (Pub. No.: US2003/0188186 A1), hereinafter "Cherry".

4. As to claims 1, 13, 23, 33, Cherry discloses, authorizing a network request, the request routed through a network infrastructure to a network device (Cherry, Fig.2, Abstract), comprising:

communicating with the network infrastructure to identify a network address from which the network request originated (Cherry, Fig.2, [0014], where server monitors print request and verifies if the request is proper and authorized, where authorization could be a range of addresses or domain); and

accepting the network request only upon a determination that the identified network address is authorized (Cherry, Fig.2, [0016], where VPN and HTTPS are inherently an authorized network access addresses).

5. As to claims 7,18,29,34, Cherry discloses, receiving a print request routed through a network infrastructure (Cherry, [0014], where server 102 monitors print request on system 100);

communicating with the network infrastructure to identify a network address from which the print request originated (Cherry, [0022], where systems 100 and 200 are capable of authorizing or denying print jobs means based on valid network address);

determining if the identified network address is authorized (Cherry, [0022, lines 3-6], where authorization is determined based on within network address range); and

acting upon the print request only if the identified network address is determined to be authorized (Cherry, Fig.2, [0022], where authorizing mean print job is processed).

6. As to claims 2,14,24, Cherry discloses, wherein communicating comprises communicating with the network infrastructure to identify a port from which the network request originated (Cherry, [0016], where http is port 8080 and VPN-1 uses port 256 are well known in the art).

7. As to claims 3,28, Cherry discloses, wherein the acts of communicating and accepting are performed by the network device (Cherry, [0014], where server is acting as a communicating device and accepting device inherently server is also a network device).

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8. As to claims 4,15,25, Cherry discloses, further comprising reporting use data upon accepting the network request (Cherry, [0020, lines 1-10], where database 116 records all traffic and network related information).

Examiner takes the official notice as generating reports from the stored information in a database is well known in the art.

9. As to claims 5,16,26, Cherry discloses, accessing policy data to determine if the identified network address is authorized (Cherry, [0022] where print jobs are authorized or deny based on whether the source of the print job is originates from a device residing within the network or outside the network which is a policy data).

10. As to claims 8,19, Cherry discloses, wherein communicating comprises communicating with the network infrastructure to identify a port from which the network request originated (Cherry, [0025], where port monitor is disclosed as standard items in most printing environment).

11. As to claims 9, Cherry discloses, wherein the acts of receiving, communicating, and determining are all performed by a printing device responsible for acting on the print request (Cherry, [0023], where system 100 or 102 could be a print server).

12. As to claims 10,20,30, Cherry discloses, further comprising reporting use data if the print request is acted upon (Cherry, [0020, lines 1-10], where database 116 records all traffic and network related information).

Examiner takes the official notice as generating reports from the stored information in a database is well known in the art.

13. As to claims 11,21,31, Cherry discloses, wherein determining comprises accessing policy data specifying authorized network addresses, and searching the policy data for the identified network address (Cherry, [0022] where print jobs are authorized or deny based on whether the source of the print job is originates from a device residing within the network or outside the network which is a policy data).

Claim Rejections - 35 USC § 103

14. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

15. Claims 6,12,17,22,27 and 32, are rejected under 35 U.S.C. 103(a) as being unpatentable over Cherry in view of Skantze (Pub. No.: US 2003/0014327 A1), hereinafter "Skantze".

16. As to claims 6,12,17,22,27 and 32, Cherry discloses the invention substantially as in parent claims 1,11,13,21,23 and 31 respectively, including, accessing policy data specifying authorized network addresses for one or more authorized network address (Cherry, [0022], where authorization or denial of print job is based on network policy);

recognizing the identified network address as an authorized network address specified by the policy data (Cherry, [0022], where authorization or denial of print job is based on network policy). Cherry however is silent on obtaining billing information for the identified network address based on authorized network address and reporting use data based on the obtained billing information. Skantze, however discloses, obtaining billing information for the identified network address based on authorized network address and reporting use data based on the obtained billing information (Skantze, [0089], where database is disclosed which has the billing information against the authorized network addresses).

Therefore it would have been obvious to one ordinary skilled in the art at the time the invention was made to combine the teachings of Cherry as applied to claim 1-5 above with the teachings of Skantze in order to provide a system for electronic commerce in a computer network, and a method for enabling financial transactions in such a computer network.

Examiner's Note: Examiner has cited particular columns and line numbers in the references, as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in its entirety as potentially teaching of all or part of the claimed invention, as well as the context.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tauqir Hussain whose telephone number is 571-270-1247. The examiner can normally be reached on 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571 272 3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TH


BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER

7/19/17